Substitute fo	r form 1449A/PTO			Co	omplete if Known	
				Application Number	10/507,489	
INFOF	RMATION D	ISC	LOSURE	IA Filing Date	March 13, 2003	···-
STAT	EMENT BY	ΔΡ	PLICANT	First Named Inventor	Meir SHINITZKY, et al.	
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	(use as many sheets	as n	ecessary)	Examiner Name	Reitsang Shiao	
Sheet	1	of	4	Attorney Docket Number	SHINITZKY=7	

			U.S. PAT	ENT DOCUMENTS	
		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Examiner nitials*	Cite No.1	Number-Kind Code ^{2 (il known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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	FOREIC	ON PATENT DO	CUMENTS		
Cite No.1	Foreign Patent Number Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee of Applicant	Where Relevant Passages or	T [©]
AA	WO 0057865 A3	10-05-2000	YEDA RESEARCH AND DEVELOPMENT CO. LTD.		
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	No.1	Foreign Patent Number Cite Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Foreign Patent Number Cite Country Code ³ Number ⁴ Kind Code ⁵ (# known) Publication Date MM-DD-YYYY	Cite No.¹ Country Code⁴ Number⁴ Kind Code⁵ (if known) Publication Date MM-DD-YYYY Cited Document AA WO 0057865 A3 10-05-2000 YEDA RESEARCH AND DEVELOPMENT CO. LTD.	Foreign Patent Number Cite No.¹ AA WO 0057865 A3 Foreign Patent Number Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited Document of Cited Document YEDA RESEARCH AND DEVELOPMENT CO. LTD. Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Examiner Signature	/Rei Tsang Shiao/ (10/19/2007)	Date Considered	

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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Τ ^ź
/RS/		AYRES, D. C., et al., "The Organic Chemistry of Phosphorus. Part V. The Ester-interchange Reaction between Triphenyl Phosphite and Glycols", (1957), pages 1109-1114, XP-000946300	
	AC	BARAN, J. S., et al., "Displacement Reactions of Cyclic Sulfites and Phosphates by Salts of Weak Acids Applicable too the Synthesis of Phospholipids and Other Natural Substances", Journal of Organic Chemistry, (1977), pages 2260-2264, Vol. 42, No. 13, XP-002244442	
	AD	BOYD, R. K., et al., " Glycerol 1,2-Cyclic Phosphate in Centric Diatoms", The Journal of Biological Chemistry, (1987), pages 12406-12408, Vol. 262	
	AE	BUCHNEA, D., "Synthesis of sn-Glycerol-Cyclic-Phosphodiester Isomers ^{1,2} , Lipids, (1973),pages 289-294, Vol. 8, No. 5, XP-009011040	
	AF	CLARKE, N., et al., "Enzymic Formation of Glycerol 1:2-Cyclic Phosphate", Biochemical Journal, (1976), pages 745-747, Vol. 153	
	AG	CLARKE, Neville G., et al., "Alkaline O→N-transacylation", Biochemical Journal, (1981), pages 301-306, Vol. 195, No. 1, XP-001021068	
	АН	DAWSON, R. M. C., "Advances in Phosphoglyceride Chemistry", Ann. Rept. Progr. Chem., (1958), pages 365, Vol. 55	
	Al	DAWSON, R. M. C., et al., "The Enzymatic Formation of myoinositol 1:2-Cyclic Phosphate form Phosphatidylinositol", Biochemistry Journal, (1971), pages 605-607, Vol. 122	
	AJ	DENNEY, D. B., et al., "Preparation And Chemistry of 2,6,7-Trioxa-1-Phosphabicyclo[2,2,1]Heptane", Phosphorus And The Related Group V Elements, (1973), pages 245-248, Vol. 2, Nos. 5-6, XP-001157410	
	AK	FORREST, H. S., et al., "Nucleotides Part V - Part VI", Journal of the Chemical Society, (1950), pages 3295-3299	
	AL	FRIEDMAN, P., et al., "Conversion of Lysophospholipids to Cyclic Lysophosphatidic Acid by Phospholipase D", The Journal of Biological Chemistry, (1996), pages 953-957, Vol. 271	
/RS/	АМ	GERLT, John A., "Conformational Properties of 5-Alkoxy and 5-Alkyl Substituted Trimethylene Phosphates In Solution", Journal of the American Chemistry Society, , (February 27, 1980), pages 1665-1670, Vol. 102, No. 5, XP-002244439	

Examiner	ID : T	Date	
Signature	/Rei Tsang Shiao/ (10/19/2007)	Considered	

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/RS		GERLT, John A., "Crystal and Molecular Structure of 5-Ethoxytrimethylenephosphoric Acid", Journal of Organic Chemistry, (1980), Vol. 45, No. 7, pages 1282-1286, XP-0022244441	
	AO	GERLT, John A., "Thermochemical Identification of the Structural Factors Responsible for the Thermodynamic Instability of 3',5'-Cyclic Nucleotides", Journal of the American Chemistry Society, (February 27, 1980), pages 1655-1660, Vol. 102, No. 5, XP-002244440	
	AP	HAMOR, T. A., "Structure of 5-Hydroxy-2-methoxy-1,3,2A5-dioxaphosphacyclohexane 2-Oxide", Acta. Cryst., (1986), pages 1462-1463, C42	
	AQ	JONES, A. S., et al., "The Structure of Two Isomeric 1,3,2-Dioxaphophorinanes", Journal of Organic Chemistry, (April 11, 1986), pages 4310-4311, Vol. 51, No. 22, XP-002244437	
	AR	KENNEDY, E,. et al., "The function of Cytidine Coenzymes in the Biosynthesis of Phospholipides" The Journal of Biological Chemistry, (1956), pages 193-213, Vol. 222	
	AS	KUROKAWA, H., et al., "Inhibition of HER2/neu (erbB-2) and Mitogen-activated Protein Kinases Enhances Tamoxifen Action Against HER2-overexpressing, Tamoxifen-resistant Breast Cancer Cells", Cancer Research, (October 15, 2000), pages 5887-5894, Vol. 60	
	AT	LAVEY, B. J., et al., "Antibody Catalyzed Hydrolysis of A Phosphotriester", Journal Bioorganic & Medicinal Chemistry Letters, (1996), pages 1523-1524, Vol. 6, No. 13	
	AU	LAVEY, B. J., et al., "Catalytic Antibody Mediated Hydrolysis of Paraoxon", Journal of Organic Chemistry, (1996), pages 7633-7363, Vol. 61, No. 21, XP-002244436	
	AV	LELOIR, L. F., "The Enzymatic Transformation of Uridine Diphosphate Glucose into a Galactose Derivative", Biochemistry Biophysics Journal, (1951), pages 186-190, Vol. 33	
	AW	MARKHAM, R., et al., "The Structure of Ribonucleic Acids"; Biochemistry Journal, (1952), pages 552-557, Vol. 52	
	AX	PENNEY, C.L., et al., "Phenyl Phosphorodichloridate in the Synthesis of Cyclic Phosphate Diasters of Biological Interest", Canadian Journal of Chemistry, (1978), pages 2396-2404, Vol. 56, No. 18, XP-000949271	
/RS	AY	SHINITZKY, M., et al., "Formation of 1,3-Cyclic Glycerophosphate by the Action of Phospholipase C on Phosphatidylglycerol", The Journal of Biological Chemistry, (1993), pages 14109-14115, Vol. 268 XP-000946147	

Examiner	/Rei Tsang Shiao/ (10/19/2007)	Date	
Signature		Considered	98.5

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/RS/	AZ	SHINITZKY, M., et al., "Induction of Intracellular Signalling by Cyclic Glycerophosphates and Their Deoxy Analogues", European Journal of Biochemistry, (2000), pages 2547-2554, Vol. 267 XP-000965121	
/RS/	ВА	SNEDEKER, S., et al., "Hormonal and Environmental Factors Affecting Cell Proliferation Neoplasia in the Mammary Gland", Prog. Clin. Biol. Res., (1996), pages 211-253, Vol. 394	
/RS/	ВВ	SU, B. et al., "Identification of a Putative Tumor Marker in Breast and Colon Cancer", Cancer Research, (April 15, 1993), pages 1751-1754, Vol. 53, XP-000946184	·
/RS/		SUTHERLAND, J. A., et al., "Differentiation of K562 Leukemia Cells Along Erythroid, Macrophages, and Megakaryocyte Lineages", The Journal of Biological Response Modifiers, (1986), pages 250-262, Vol. 5	
/RS/	BD	UKITA, T., et al., "Phosphates I. Synthesis of 1,2-Diol Cyclic Phosphates", Pharmaceutical Bulletin, Pharmaceutical Society of Japan, (1957), pages 121-126Vol. 5, No. 2, XP-000949388	
/RS/	BE	UKITA, T., et al., "Studies On the Alkaline Hydrolysis Of Lecithin: Synthesis of Cyclic 1,2-Glycerophosphate", (March 17, 1955), pages 867-874, Vol. 216	
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Signature	/Rei Tsang Shiao/ (10/19/2007)	Considered	
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